

Title (en)

Use of flexible polyurethane foams for coating flat textile products.

Title (de)

Verwendung von Polyurethanweichschäumen zum Kaschieren von textilen Flächengebilden.

Title (fr)

Utilisation de mousses de polyuréthane flexibles pour le revêtement d'articles plats en textiles.

Publication

EP 0012303 A1 19800625 (DE)

Application

EP 79104816 A 19791201

Priority

DE 2854391 A 19781216

Abstract (en)

1. Use of polyurethane soft foams melting within the range about 235 to 310 degrees C prepared on the basis of a mixture of a polyetherpolyol and a phosphorus- and halogencontaining polyol and used for laminating flat textile structures, the ratio by weight of polyetherpolyol to phosphorus- and halogen-containing polyol being 100 to about 2-20, the phosphorus and halogen-containing polyol being a mixture consisting of : a) the product of general formula (I) see diagramm : EP0012303,P7,F8 in which a = 1 or 0 and 1, n = 0 to 4, R1 stands for at least one alkyl radical mono- or polysubstituted with halogen or at least one aryl radical with at most 8 carbon atoms mono- or polysubstituted with halogen, the halogen being chlorine or bromine, and at least one hydroxylcontaining radical of general formula (II) see diagramm : EP0012303,P7,F1 and R2 stands for a radical of general formula (III) see diagramm : EP0012303,P7,F3 R3 and R4 , respectively, in formulae (II and III) standing for a hydrogen atom or an optionally chlorinesubstituted alkyl radical with 1 to 6 carbon atoms, and m stands for a number of 1 to 4, and b) the product of general formula (IV) see diagramm : EP0012303,P7,F5 in which a = 0 or 1, and R1 has the meaning given above.

Abstract (de)

Die Erfindung betrifft die Verwendung von Polyurethanweichschäumen mit einem Schmelzintervall von etwa 235 bis 310°C, die auf der Basis eines Gemisches aus einem Polyätherpolyol und einem phosphor- und halogenhaltigen Polyol hergestellt wurden, wobei das Gewichtsverhältnis zwischen dem Polyätherpolyol und dem phosphor- und halogenhaltigen Polyol 100 zu etwa 2-20 beträgt, zum Kaschieren von textilen Flächengebilden.

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IPC 8 full level

C08G 18/38 (2006.01); **C08G 18/66** (2006.01); **D06N 3/14** (2006.01)

CPC (source: EP)

C08G 18/3882 (2013.01); **D06N 3/14** (2013.01)

Citation (search report)

US 3850859 A 19741126 - WORTMANN J, et al

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